



Material - DIN GB-ZnAl6Cu1

Standard Specification for Zinc and Zinc Alloy Ingot and Castings

Group - Non-Ferrous Zinc Alloys

Sub Group - DIN GB-ZnAl6Cu1 Zinc and Zinc Alloy Ingot and Castings

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Ingot and Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	5.600 - 6.000	As-Cast	
Copper	Cu %	1.200 - 1.600		
Magnesium	Mg %	0.005 max.		
Pb + Cd	Pb% + Cd%	0.006 max.		
Tin	Sn %	0.001 max.		
Iron	Fe %	0.050 max.		
Zinc	Zn %	Balance		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	220 - 260
-	-	-	Yield Strength in Mpa	170 - 200
-	-	-	Elongation in %	1.5 - 3
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	80 - 90
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZP6	DIN	Germany	Casting
ZnAl6Cu1	UNE	Spain	Casting
2.2161	DIN	Germany	Ingot and Casting
2.2161.01	DIN	Germany	Casting
2.2161.02	DIN	Germany	Casting
GK-ZnAl6Cu1	DIN	Germany	Ingot and Casting
G-ZnAl6Cu1	DIN	Germany	Ingot and Casting

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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